

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/19560

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A62B 17/00

US CL : 128/202.11

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 5,318,018 A (PUMA et al) 7 June 1994 (07.06.1994) column 22, lines 41-67 | 19, 20, 31 |
| — | | _____ |
| Y | | 19, 20, 31 |
| Y, P | US 6,435,009 B1 (TILLEY G. A.) 20 August 2002 (20.08.2002), whole document | 19, 20, 31, 38 |
| A | US 6,425,395 B1 (BREWER et al) 30 July 2002 (30.07.2002), whole document | 1-55 |
| A | US 4,846,166 (WILLEKE, K.) 11 July 1989 (11.07.1989), whole document | 1-55 |
| A | US 4,344,144 (DAMICO et al) 10 August 1982 (10.08.1982), whole document | 1-55 |
| A | US 5,246,993 (MCGRADY et al) 21 September 1993 (21.09.1993), whole document | 1-55 |
| A | US 5,477,850 (ZEGLER, et al) 26 December 1995 (26.12.1995), whole document | 1-55 |

Further documents are listed in the continuation of Box C.

See patent family annex.

| | | | |
|-----|---|-----|--|
| • | Special categories of cited documents: | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| "P" | document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search

03 September 2003 (03.09.2003)

Date of mailing of the international search report

• 05 DEC 2003

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